

ABSTRACT OF THE DISCLOSURE

(Object)

To offer such drive circuit for a switching device
5 that can operate a soft cutoff function when short
circuit is detected and also can be prevented from
breakdown even if a narrow pulse is inputted.

(Means of Solving the Problems)

10 The present invention comprises a drive circuit 21
that controls a switching device 23 ON/OFF and a soft
cutoff command circuit that gradually decreases the gate
terminal voltage of the switching device 23 when short
circuit of the switching device 23 is detected. Besides,
15 an ON-pulse retention command circuit 11 retains the
output of the drive circuit 21 ON when the gate terminal
voltage is judged to have exceeded a specified value by a
gate voltage judgment comparator 16 that detects the gate
terminal voltage of the switching device 23.